FUGZAN, M.D., kand.tekhn.nauk

Using chutes with chain gates for laoding lump ore. Gor. zhur. no.9:34-36 3 '61. (MIRA 16:7)

1. Institut gornogo dela im. A.A.Skochinskogo, Moskva.
(Ore handling-Equipment and supplies)

FUGZAN, M.D., kand.tekhn.nauk; VORONKOV, N.A., kand.tekhn.nauk

Change in the size of ore in systems with large-scale blasting. Vzryw. delo no.50/7:157-161 '62. (MIRA 15:9)

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(Blasting)
(Mining engineering)

FUGZAN, M. D., kand. tekhn. nauk

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l. Institut gornogo dela imeni Skochinskogo.

(Blasting)

BARON, Lazar Israilevich, prof., doktor tekhn. nauk; FUGZAN, Mark Davidovich; MARKENZON, Eduard Iosifovich; KRASIKOV, V.M., red.izd-va; VINOGRADOVA, N.F., tekhn. red.

[Experience in the comprehensive study of the resistance of rocks to distruction by quarrying] Opyt kompleksnogo issledovaniia soprotivliaemosti gornykh porod razrusheniiu pri dobyvanii. Moskva, Izd-vo AN SSSR, 1963. 223 p.

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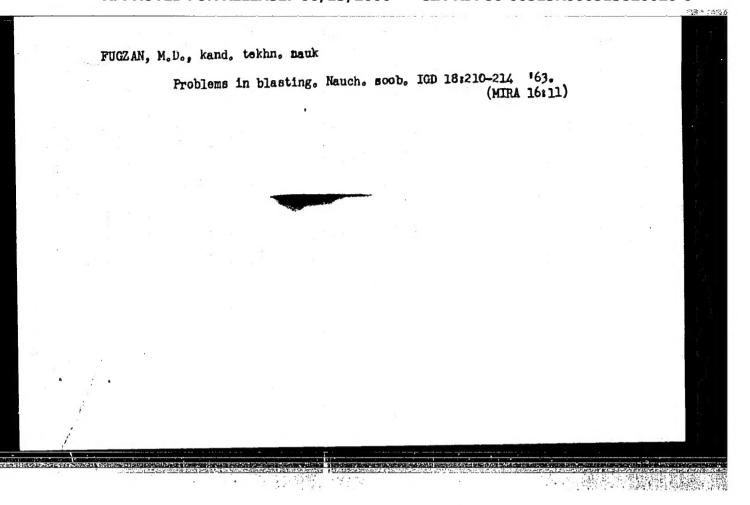
Mechanization of technological processes is the basis for improving mining systems. Gor. zhur. no.7:3-8 J1 '63. (MIRA 16:8)

1. Chlen-korrespondent AN SSSR (for Agoshkov).

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513820020-0

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FUGZAN, Mark Davydovich; BRONNIKOV, D.M., doktor tekhn. nauk, retsenzent; KOVALEV, I.A., kand. tekhn.nauk, otv. red.; SMIRENSKIY, M.M., red.

[Practice of single-stage mining of thick ore deposits with large-scale breaking down] Opyt odnostadinoi raz-rabotki moshchnykh rudnykh mestorozhdenii s kassovoi otboikoi. Moskva, Izd-vo "Nedra," 1964. 130 p.

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FUGZAN, M.D., kand. tekhm. nauk; SADOVSKIY, G.I., kand. tekhn. nauk; ZHMURKO, P.T., gornyy inzh.; FILIPPENKOV, A.I., gornyy inzh.; KOREN'KOV, E.N., gornyy inzh.; SHABLYGIN, A.I., kand. tekhn. nauk

Searching for optimal parameters of the induced block caving system at the "Zapoliarnyy" mine. Gor. zhur. no.6:19-24 Je '65. (MIRA 18:7)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0"

FUGZAN, M.D.; YAKOVLEV, O.A.

Selecting an efficient way of ore drawing during the singlestage working of thick ore deposits. Gor. zhur. no.10:45-49 0 165. (MIRA 18:11)

1. Institut gornogo dela im. A.A. Skochinskogo.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0"

FUHH, I.E. (Bucuresti); HIRSU, M. (Bucuresti)

Lacerta praticola pontica Lantz and Cyren, a new lizard for the Dobruja herpetologic fauna. Natura Biologie 14 no.5:39-41 S-0 '62.

VINTILA, I., Dr. TUHN, I.M., Michelian, vINTILA, Februaria, Dr., and POPESCU, Virginia, Dr [affiliation not given]

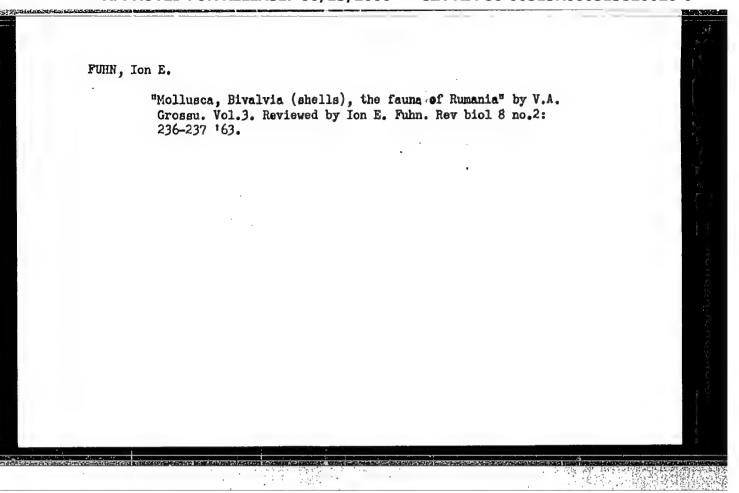
"Poisonous Spiders in the Fauna of Rumania: Latrodectus tredecimguttatus."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 8, No 3, May-Jun 63, pp 231-236.

Abstract [Authors' English summary modified]: Reports a case of araneism following the bite of a Latrodectus tredecimguttatus. The clinical picture corresponded to that described in the literature, and the diagnosis was confirmed by examination of the spider performed by the Institute of Biology of the RPR Academy. It is the first clinical case of this poisoning reported in Rumania and the first time this spider was identified in the country's fauna. Includes 1 figure and 1 Russian and 1 Rumanian reference.

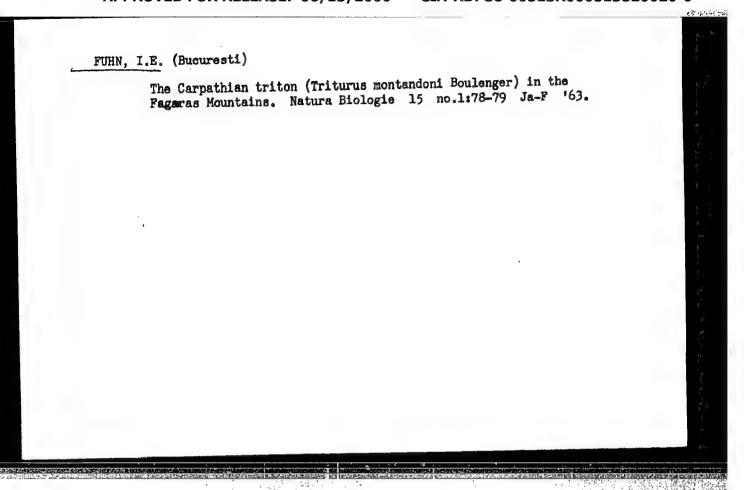
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NICULESCU, Floriana; FUHN, Ion E.

Research on the food of the Rana r. ridibunda Pallas frog. Studii biol agr Iasi 14 no.1:193-211 '63.



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"Natural parthenogenesis in the Lacerta saxicola polymorphic group" by I.S.Darewski, W.N.Kulikowa. Reviewed by I.E.Fuhn. Natura Biologie 15 no.5194-95 S-0163.

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Contributions to the systematization and ecology of Lacertidae of Rumania. II. Forest green lizard, Lacerta viridis viridis Laurentus. In Rrench. p. 61.

ANALELE STIINTIFICE. SECTIUNEA II: STIINTE NATURALE. Iasi. Rumania. Vol. 5, no. 1, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

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Mediterranean varieties of land turtles in Romania; Testudo graeca ibera Pallas, Testudo hermanni hermanni Gmelin. p. 178. (Ocrotirea Naturil, No. 2, 1956, Bucuresti, Romania)

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RUMANIA/Human and Animal Morphology - Normal and Pathological. Anomalies of Development and Pathological Anatomy

: Ref Zhur Biol., No 11, 1958, 50436 Abs Jour

Marinescu, G., Sarateanu, D., Fuhrer, B., Dragmescu, Author

N., Samuel, I., Ionescu, M., Cojocaru, V.

Rumanian Academy Inst

Pathomorphological Picture of Experimental Influenza in Title

Suckling Mice

Studii si cercetari inframicrobiol., microbiol. si para-Orig Pub

zitol. Acad. RPR, 1956, 7, No 1-2, 77-92

The experimental animals (60 suckling mice, 70 adult mice, Abstract

48 suckling rats and 49 adult rats) were infected either with the virus of influenza A or with the same virus and and pathogenic bacteria (Hemophilus influenzae, pneumococ-

cus, staphylococcus). The virus of influenza caused a

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Anomalies of Development and Pathological Anatomy

: Ref Zhur Biol., No 11, 1958, 50436 Abs Jour

> more acute form of disease in sucklings than in adult animals. This was expressed by more rapid development of infection, greater lethality and more marked morpholigical changes. When other microorganisms were added, especially H. influenzae, a more severe anatomicoclinical picture of disease developed; in many cases, sepsis occurred. In view of the appearance of multiple affections in the infected animals, the authors assume the existence in the virus of influenza, apart from tropism to the epithelium of the respiratory organs and endothelium of the capillaries, also of other kinds of tropism (neuro-, hepato-, lympho-, myocardiotropism, etc.). -- N. Mastyukova

NICOLAU, St.S.: DEAGANESCO, N.: NICOLAU, Cl.S.; FUHRER, B.; GIRD, E.; IONESCO, N.I.

A new type of anti-rables vaccine; investigations into the migration of the vaccine virus in the animal organism by means of radioactive substances. Acta virol, Engl. Ed., Praha 3 (Supplem.): 91-96-1959.

91-96 1959.

1. Institute of Inframicrobiology, Academy of the Rumanian People's Republic, Bucharest.

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(HERPES, virus)

(HERPES, virus)
(SARCOMA, experimental)

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Research on the action of several viruses on various experimental tumors. Stud. cercet. inframicrobiol., Bucur. 11 no.1:89-105 '60. 1. Commicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in Sesiunea stiintifica festiva din 17-18 august. 1959. (NEOPLASMS, experimental) (VIRUSES)

NASTAC, E.; SAMUEL, I.; FUHRER-ANAGNOSTE, B.

Cultivation of mouse Ehrlich ascites carcinoma in chick embryo. Stud. cercet. inframicrobiol.. Bucur. 11 no.2:257-261 160.

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(NEOPIASMS exper.)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0"

NASTAC, E.; FUHRER_ANAGNOSTE, B.

The results of the investigations of the Institute of Inframicrobiology in the field of oncolysis produced by viruses. Stud. cercet. inframicrobiol. 12;107-117 '61.

(NEOFLASHS experimental) (VIRUSES)

NASTAC, E.; FUHRER-ANAGNOSTE, B.; SARATEANU, D.

Action of certain viruses upon Ehrlich's ascitic carcinoma in mics. III. Viruses of swine plague, fowl pox, and sheep pox. Studii cerc inframicrobiol Special issue-supplement to 12:275-278 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. 2. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateanu).

(VIRUS DISEASES) (TUMORS)

NICOLAU, St. S., acad.; SARATEANU, D.; NASTAC, E.; OPRESCU, E.; FUHRER-ANAGNOSTE, B.; HUAI, C. T.

Active antiornithotic immunization in white mice. Studii cerc inframicrobiol Special issue-supplement to 12:315-322 161.

1. Institutul de inframicrobiologie al Academiei R.P.R. 2. Membru al Comitetului de redactie si redactor responsabil, "Studii si cercetari de inframicrobiologie" (for St. S. Nicolau) 3. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateamu).

(ORNITHOSIS) (IMMUNITY)

SARATEANU, D.; SURDAN, C.; SORODOC, G.; FUHRER-ANAGNOSTE, B.; ROMAN, Al. DUMA, D.; MARTA, M.

Identification of a virus of the pararickettsia group, and its isclation from the calves stricken with enzootic bronchopneumonia. Studii cerc inframicrobiol Special issue—supplement to 12:323-328 161.

1. Institutul de inframicrobiologie al Academiei R.P.R. (for Sarateamu, Surdan, Sorodoc, and Fuhrer-Anagnoste). 2. G.A.S. (Gospodarie Agricola de Stat) Rosia (for Roman). 3. Laboratorul regional veterinar Oradea (for Duma and Marta). 4. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateamu).

(VETERINARY MEDICINE) (PNEUMONIA) (RICKETTSIAL DISEASES)

SARATEANU, D.; SORODOC, G.; FUHRER-ANAGNOSTE, B.; SURDAN, C.; NASTAC, E.; LISSIEVICI-OPRESCU, E.; DUMA, D.; MARTA, M.; ROMAN, Al.

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2. Laboratorul regional veterinar Oradea (for Duma and Marta). 3. G.A.S. (Gospodarie Agricola de Stat) Rosia (for Roman). 4. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateanu).

(ORNITHOSIS) (ANTIGENS AND ANTIBODIES)

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Investigations of an ornithosis epizootic in canaries connected with human cases. Stud. cercet. inframicrobiol. 12 no.3:347-351 '61.

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(ANTIGENS AND ANTIBODIES) (ORNITHOSIS)
(OCCUPATIONAL DISEASES)

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Isolation of a virus of the pararickettsia group from the enzootic granulous vulvovaginitis in cattle. Studii cerc inframicrobiol Special issue-supplement to 12:373-379 161.

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(VIRUSES) ··· (RICKETTSIAL DISEASES) (VAGINIȚIB IN CATTLE)

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(NEOPLASMS experimental) (VIRUSES)

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NICOLAU, St. S.; SARATEANU, D.; NASTAC, E.; OPRESCU, E.; FUHRER-ANAGNOSTE, B.p. HUAI, C. T.

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1. Member of the Academy of the R.P.R. (for Nicelau).

(ORNITHOSIS immunology)

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Investigations on the isolation and identification of a virus of the pararickettsial group from calves with enzoetic brenche-pneumonia. Rev. sci. med. 6 no.1/2:101-104 *61.

(ERONCHOPNEUMONIA veterinary) (RICKETTSIAL DISEASES veterinary)

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Incidence of anti-ornithosis antibodies in workers of the zootechnical department, Rev. sci. med. 6 no.1/2:105-108 61.

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> (ORNITHOSIS immunology) (CATTLE diseases) (SHEEP diseases)

SURDAN, C.; SARATEANU, D.; SORODOC, G.; FUHRER-ANAGNOSTE, B.

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(VULVOVAGINITIS virology) (RICKETTSIAL DISEASES veterinary)

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(SALMONELLA INFECTIONS veterinary)

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(HERPES virology) (VACCINIA virology)

NICOLAU, St.S. academician; SURDAN, C.; SARATEANU, D.; ATHANASIU, P.; FUHRER_ANAGNOSTE, B.; in colaborare cu ILIESCU, C.; RADESCU, R.

Viral etiology in the field of cardiovascular diseases. I. Isolation of viruses from the blood of patients with cardiovascular diseases.

Stud. carcet. inframicrobiol. 12 no.3:275-283 '61.

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(MTOCARDIAL INFARCT virology) (MIYAGAWANELLA)

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Bevine ornithosic bronchopneumonia and the possibilities of human contamination. Stud. cercet. inframicrobiol. 12 no.3:353-358 '61.

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(BRONCHOPNEUMONIA)

(UATTLE diseases)

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Experimental investigations of human leukemia. I. Attempted transmission to hybrid white mice. Stud. cercet. inframicrobiol. 12 no.3:259-362 '61.

(LEUKEMIA experimental)

NASTAC, E.; FUHRER_ANAGNOSTE, B.

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(ORNITHOSIS immunology)

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(BRONCHOPNEUMONIA virology) (CATTLE disoasos)
(MIYGAWANELLA)

DRUCKER, A.; <u>FUHRMANN</u>, Coloman, ing.; GOMOIU, Alex.; CALUGAREANU, Ad. ing; SAVIDIS, C., ing.; TELEA, Gh.; BORCEA, N.; JOGAREANU, O.; RIZEA, Nicolae; DUMITRESCU, Gheorghe.

Present problems of labor output rates. Problems econ 17 no.5: 157-160 My '64.

1. Director, "Victoria"-Calan Plant (for Drucker). 2. Head of the Department of Labor Organization, "Victoria"-Calan Plant(for Fuhrmann). 3. Director, "Steaua Rosie" Plant, Bucharest (for Gomoiu). 4. Head of the Department of Production Organization, "Steaua Rosie" Plant, Bucharest (for Calugareanu). 5. Director, Medgidia Cement Works (for Savidis). 6. Head of the Department of Labor Organization, Medgidia Cement Works (for Telea). 7. Director, Enterprise of Electricity, Sibiu (for Borcea). 8. Head of the Department of Labor Organization, Enterprise of Electricity, Sibiu (for Jogareanu). 9. Director, "Carmen" State Industrial Enterprise, Bucharest (for Rizea). 10. Head of the Department of O.N.M., "Carmen" State Industrial Enterprise Bucharest (for Dumitrescu).

FOCSA, I., ing.; TAT, S., ing.; FUICREA, D., tehn.

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FUISZ, Jozsef

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1. Head, Seed Testing Station, Scientific Institute of Forestry, Rackeve.

FUISZ, Jozsef, tudomanyos fomunkatars

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1. Scientific Institute of Forestry, Rackeve.

CZECHOSLOVAKIA

FUJINAGA, T., IZUTEU, K., INOUE, T.

Chemistry Institute, Faculty of Science, University of Kyoto, Sakyo-ku, Kyoto, Japan. (for all).

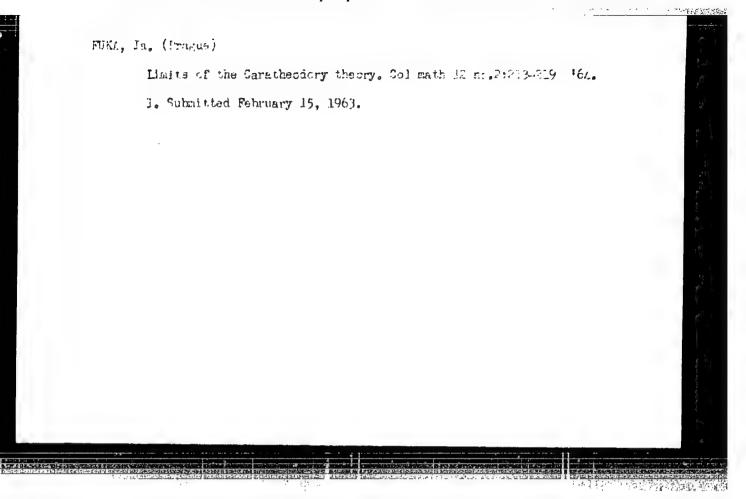
Prague, Collection of Csechoslovak Chemical Communications, No 12, December 1965, pp 4202-4209

"Studies on the use of electrochemical marking in the polarographic trace analysis."

(For the 75th birthday of Academician J. Heyrovsky).

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0

Trating results of the Mitablishi Nama ski TP type engines and improvements performed on these engines. Fiul techn deglelski 5r 72-80 Special issue tol.



FUKA, Josef

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FUKA, J.; SIROKY, J.; KURAS, M.

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Fukt, J

CZECHOSLOVAKIA/General Section- Problems of Teaching.

Abs Jour

: Referat Zhur - Fizika, No 1, 1958, 75

Author

Fuka Josef

Inst

Title

: Systems of Units in the Teaching of Physics in School.

Orig Pub

: Prirod. vedy. skole, 1957, 7, No 1, 25-31

Abstract

: No abstract.

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The first boundary value problem of the excentric elastic ring is solved by representation of the excentric ring on the concentric ring by which a new boundary value problem is defined, which is then solved by the method of stress-functions expanded into Laurent series, developed by Mushelishvili. The connecting relations are established between the solutions and boundary conditions of the two problems, on the basis of boundary conditions of the two problems, on the basis of which the existence and uniqueness of the solution of the excentric ring is demonstrated. M. Freudenthal (New York.

MaI

Z/026/62/007/001/002/004 D235/D305

AUTHOR:

Fuka, Jaroslav

TITLE:

The second problem of the plane theory of elasticity

for incompressible bodies

PERIODICAL: Aplikace matematiky, v. 7, no. 1, 1962, 21-36

TEXT: The author refers to the formulation of the problem (Ref.1: J. Golecki, Archiwum mechaniki stosowanej, 1959, XI. 3, 279-302). A theorem of uniqueness of the solution is established and proved. From the definition of the second problem, it follows that it can be reduced to the first problem for compressible bodies by substitution, in the case of a simple connected body. The necessary and sufficient condition for the existence of a solution is found to be

$$\operatorname{Im} \int_{0}^{\infty} \overline{g(t)} dt = 0$$
 (5)

Card 1/2

The second problem of ...

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where g(t) is the one defining the boundary condition. It is found that the sum of the stresses $X_x + Y_y$ contains an arbitrary constant which (and consequently the hydrostatic pressure) can be defined so as to make the solution of the second problem for incompressible bodies to be the limit of the solution for compressible bodies with the same boundary condition. The author states that this result can be applied in hydrodynamics only in case of stationary flow; the hydrostatic pressure can then be determined in a natural way. There are 8 references; 6 Soviet-bloc and 2 non-Soviet-bloc. The reference to the English-language publication reads as follows: L. Ahlfors, Complex analysis, New York - Toronto - London, 1953.

SUBMITTED: February 7, 1961

Card 2/2

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35301 Z/026/62/007/003/001/003 D407/D301

AUTHOR:

Fuka, Jaroslav, Candidate of Sciences

TITLE:

Solving the second elasticity problem in an eccentric circular ring for an incompressible body

PERIODICAL:

Aplikace matematiky, v. 7, no. 3, 1962, 171-185

TEXT: The article derives explicit formulas for solving the second elasticity problem in an eccentric circular ring (i.e. at given displacement on the boundary of the circular ring) for a homogeneous, isotropic, incompressible body. The paper is based on previous articles of the author (Ref. 2: Aplikace matematiky, 1962, 7, 21-26) and Ref. 3: (Aplikace matematiky, 1958, 3, 45-66) lists some auxiliary assertions, and uses homographic representation to derive the necessary expressions. It starts with the solution of an infinite system of linear equations - holomorphic functions - representing a specific problem in a concentric circular ring, and transfers them to the given problem of an eccentric circular ring. Components of the stress tensor X_X, Y_y are determined with the

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Solving the second elasticity ...

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exception of that constant which physically represents the hydrostatic pressure. This constant, however, is determined according to Ref. 2 (Op cit) by a natural physical process in a way that the strain, given by solution of the second elasticity problem for $\sigma = 1/2$, is a limiting value of the strain for $\sigma \to 1/2$ at equal boundary conditions.

ASSOCIATION:

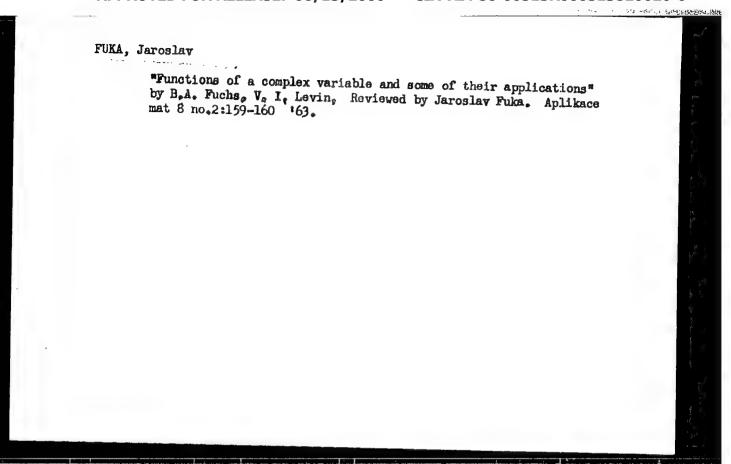
Matematický ústav ČSAV (Mathematical Institute,

Czechoslovak AS)

SUBMITTED:

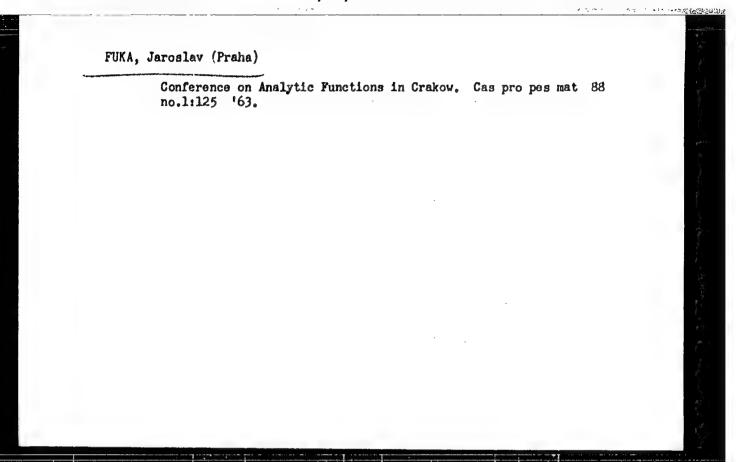
June 27, 1961

Card 2/2

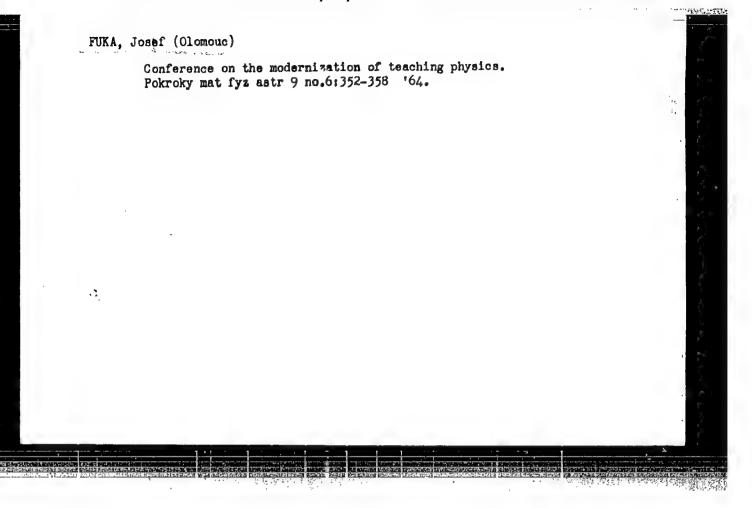


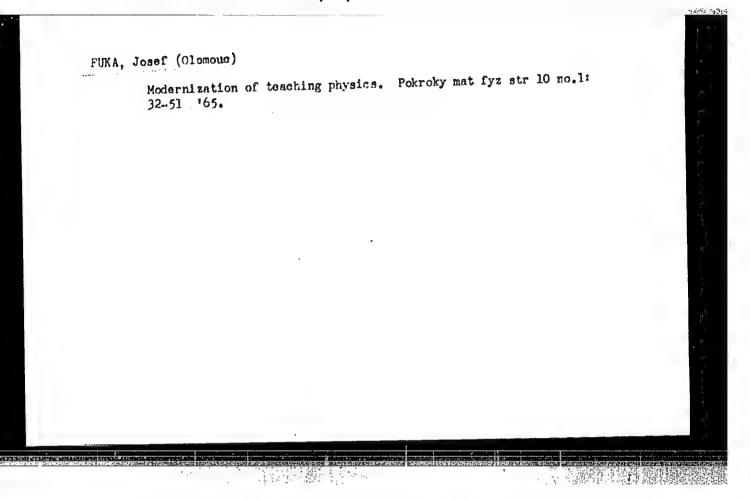
FUKA, Jaroslav

"Lectures on the theory of functions" by A. Dinghas. Reviewed by Jarcslav Puka. Aplikace mat 8 no.3:225-227 '63.



FUKA, Jaroslav (presently in Moscow) "Cluster sets" by Kiyoshi Noshiro. Reviewed by Jaroslav Fuka. Cas pro pest mat 88 no.4:495-497 '63. "Quasi-conform reproductions" by Hans P. Kunzi. Reviewed by Jaroslav Fuka. Ibid.:497-501



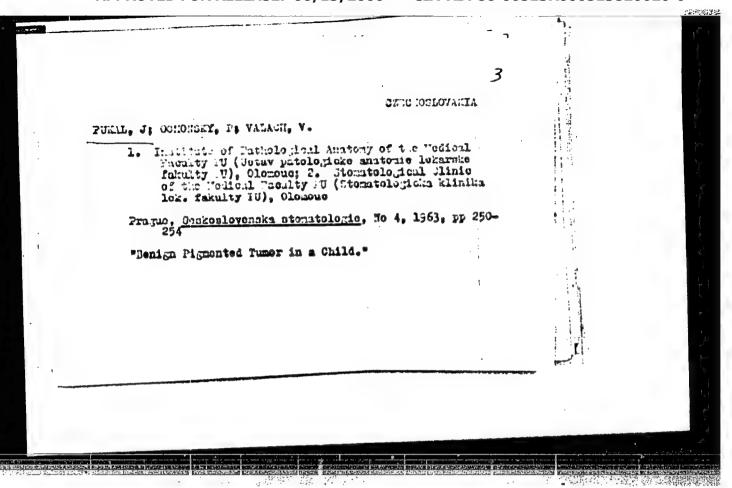


NEEESKY, Jaroslav, inz.; FUKA, Miroslav, inz.

Construction of a prestressed concrete tower. Inz stavby 6 no.3:119-122 Mr '58.

FUKAC, Milan, promovany matematik

Calculation of oritical revolutions of rotors on automatic computers. Stroj cas 13 no.4:391-392 162.



Case of giant neurinoma. Cesk. neur. 19 no.4:268-270 Mov 56.

1. Z neurolog. odd., chir. edd. a prosektury KUNE Gottwaldov Prednostove: Prim. Dr. M. Muller, prim. Dr. V. Loutocky, prim. E. Vanecek.

(NEURILEMMONA, case reports, sciatic nerve, giant case (Cx))

(MERYES, SCIATIC, neoplasss, neurilemnoma, giant case (Cx))

FUKALA, E.; MORATEC, J.

"Higher vegetable production on specialized collective farms." P. 143

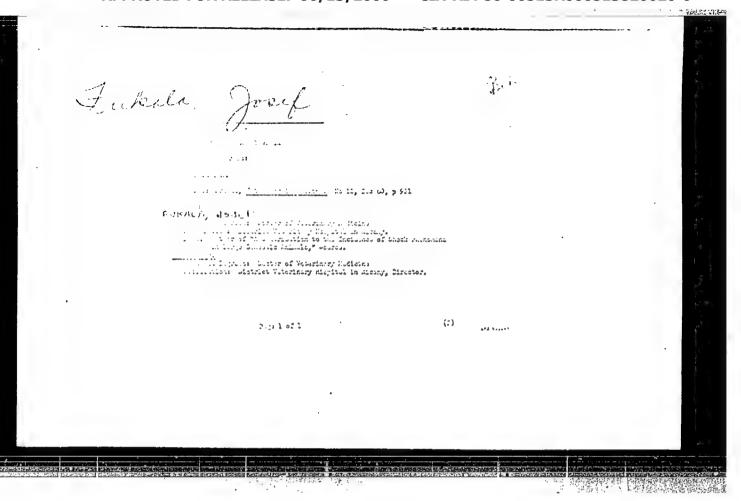
VESTNIK. Praha, Czechoslovakia; Vol. 6, No. 3, 1959

Monthly list of East European Accession Index (EEIA), Library of Congress, Vol. 8, No. 7, July, 1959

Unclas

Modified unsaturated polyester resins. Shor VSChT Pardubice no.1:
181-188 '64.

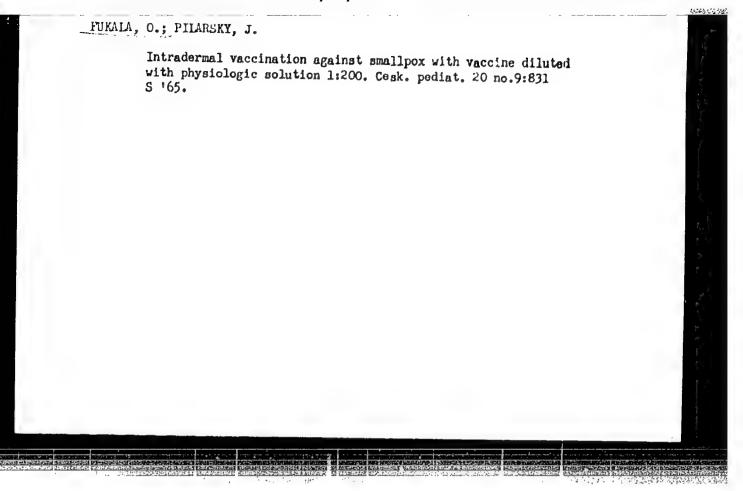
1. Chair of Technology o Plastics of the Higher School of Chemical Technology, Pardubice. Submitted October 19, 1963.



FUKALOVA, L.A.

Effect of some nicotinic acid preparations on inflammation. Farm. i toks. 26 no.42461-465 Jl-Ag*63 (MIRA 1724)

1. Kafedra farmakologii (zav. -prof. Ku.S. Grosman)Parmakogo meditsinskogo instituta.



FUKALOVA, P.P. (Moskva)

Comparison of hygienic aspects of drying apparatus used in the aniline dyeing industry. Gig. truda i prof. zav. 2 no.5153-54 S-0 158 (MERA 11:11)

1. Gorodskaya sanitarno-epidemiologicheskaya stanstsiya.
(DRYING APPARATUS-TEXTILE FABRICS-HYGIENIC ASPECTS)

ENT(1) 35862-66 ACC NR. AP6022515 SOURCE CODE: UR/0391/66/000/007/0005/0009 AUTHOR: Fukalova, P. P. (Moscow); Tolgskaya, M. S. (Moscow); Nikogosyan, S. V. (Moscow); Kitsovskaya, I. A. (Moscow); Zenina, I. N. (Moscow) Institute of Industrial Hygiene and Occupational Diseases, AMN SSSR (Institut gigiyeny truda i profzabolevaniy AMN SSSR) TITLE: Research Cata on the standardization of EMF's in the short-and ultrashort-wave ranges SOURCE: Gigiyena truda i professional nyye zabolevaniya, no. 7. 1966, 5-9 TOPIC TAGS: microwave, microwave biologic effect, central nervous system, UHF, human physiology, animal physiology, animal experiment, industrial hygiene ABSTRACT: In a survey of radio and television stations and establishments which process dielectrics thermally, measurements using various dosimeters showed that field intensities around short- and ultrashort-wave sources were 8-450 v/m and 4-220 v/m, respectively. The reaction speed and accuracy were studied in personnel exposed to Card 1/4 UDC: 613.647

"APPROVED FOR RELEASE: 06/13/2000

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L 35862-66 ACC NR: AP6022515 these sources. Chronometric tests, observations of visual motor reactions, and work capacity were studied and are summarized in Table 1. Table 1. Changes in the physiological functions of duty personnel in two radio stations (%) Shift Evening Day Night Station I Station II o no Before Sleep After Sleep End of Statio Statio Observed parameter-Static Latent period of positive conditioned reflexes Subsequent 0,0 0,0 16,1 12,6 2.2 2.2 6.6 0.0 11.1 42.5 inhibition Disinhibition of 4,1 24,3 18,7 0,0 2,1 13,0 0.0 8,1 17,3 20.0 | 10.0 | 40.0 | 20.0 | 60.0 | 60.0 | 70.0 | 30.0 | 8.1 | 60.0 | 21.4 | 33.0 | 50.0 | 21.4 | 33.0 | 19.9 | 33.3 | 25.0 | 50.0 | 36.6 differentiation ... Steadiness No. of of attention errors. 1.0 2,5 3.0 4.0 2.0 2.5 4.0 It was concluded that the action of EMF's is aggravated by inefficient work-rest cycles which lead to shifts in various physiological reactions Card 2/4

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ACC NR: AP6022515

and the development of fatigue. To study the mechanism of the effect of EMF's, animals were exposed to 14, 88, and 69.7 Mc fields (5000 v/m intensity). Animals in the ultrashort-wave range were milled within 5 min, while those in the shortwave range died in 1 hr and 40 min. Nonthermal (no integral thermal effect such as increased body temperature) threshold intensity for the ultrashort-wave range was 150 v/m and for the shortwave range, 2250 v/m. Chronic exposure to these intensities (plus exposure to an ultrashort-wave intensity of 300 v/m) did not result in any substantial changes in body weight dynamics compafed to control animals. However, a decrease in brain-stem cholinesterase activity occurred more rapidly during exposure to ultrashort waves than exposure to short waves. Both regimens decreased the excitability and weakened the inhibition process in chronically exposed rats. exposure also tended to depress brain biopotentials progressively. ultrashort-wave intensity of 10 v/m and shortwave intensity of less than 50 v/m is a subthreshold irritant. Photos show the results of a cytomorphological examination of neural structures in exposed animals which revealed thickening of neural fibers, swelling and vacuolization of cell protoplasm in the thalamo-hypothalamic area and medulla oblongata, and local karyocytolysis of individual neurons. Shriveling of individual pyramid cells and individual vacuoles in neurons of the brain cortex was noted. Thus, it was found that an ultrashort-wave intensity of 150 v/m and a shortwave intensity of 2250 v/m is more than

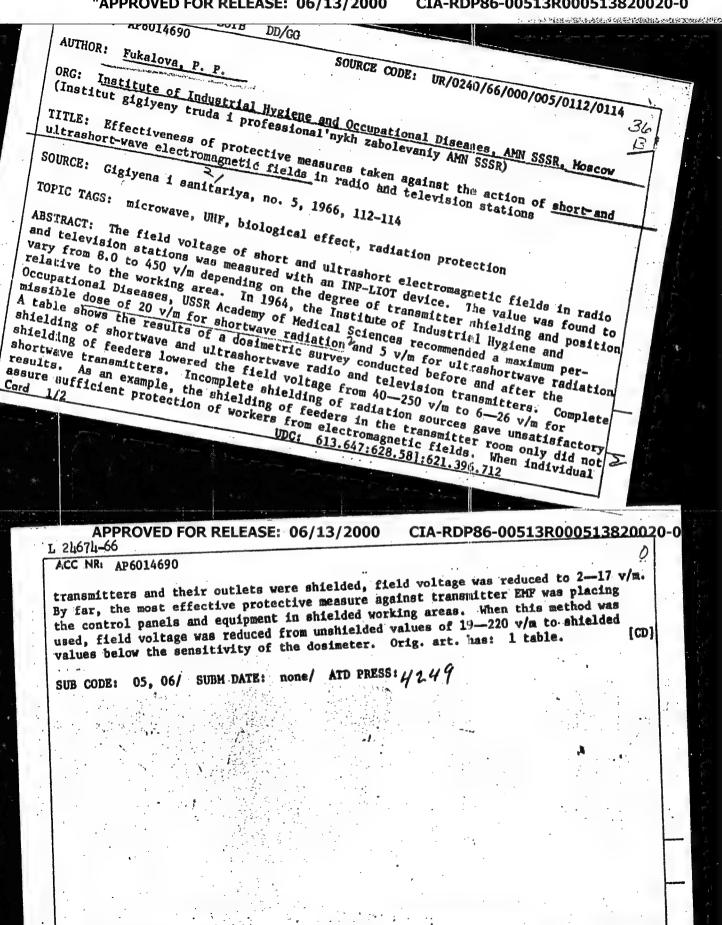
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ACC NR: AP6022515

sufficient to cause physiological and morphological changes in neural structures and that the intensity of the effect depends on wave range, field intensity, and exposure duration. On the basis of these data, a permissible exposure intensity of 5 v/m is recommended for workers around ultrashort-wave sources and 20 v/m for workers around shortwave sources. Orig. art. has: 6 figures and 1 table. [CD]

SUB CODE: 06/ SUBM DATE: 07Jan65/ ORIG REF: 017/ OTH REF: 001

ATD PRESS: 5037



FW)

Card

NIKONOVA, K. V.; FIIKALOVA, P. P. (Moskva)

Hygienic evaluation of the working conditions and the effectiveness of protective measures for the inductive heating of metal using lamp generators of high frequency. Gig. truda i prof. sab. no.3:8-13 *62.

1. Institut gigiyeny truda i profzabolevaniy AMN SSSR.

(INDUCTION HEATING-HYGIENIC ASPECTS)

FUKALOVA, P.P. (Miskva)

Hygienic evaluation of working conditions in thermal treatment of dielectrics by high-frequency units. Gig. truda i prof. zab. 7 no.3:3-7 Mr¹63 (MIRA 17:1)

1. Institut gigiyeny truda i professional'nykh zabolevaniy ANN SSSR.

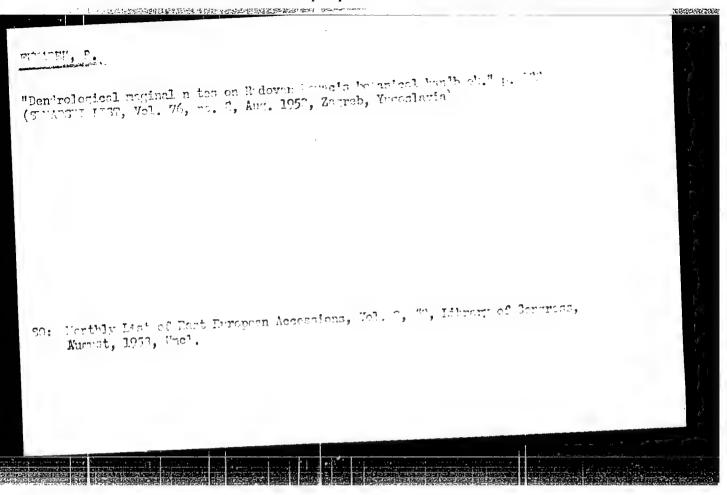
SAKOVICH, A.A., kand. tekhn. nauk; YUDITSKIY, S.B., kand. tekhn. nauk; KURTSINA, Z.T., inzh.; FUKALOVA, R.A., inzh.; IN'KOV, Yu.M., inzh.

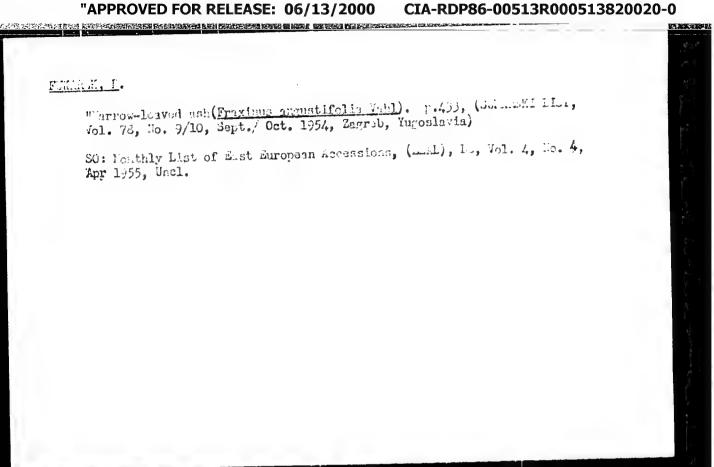
Converter system with silicon rectifiers for a.c. multiple-unit cars. Elektrotekhnika 34 no.11:25-30 N 163.

(MIRA 17:2)

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FUKAREX, P.

Supplement to the article "Marrow-Leaved Ash (Fraxinus amgustifolia Vahl)." p. 16.

SUMMUSKI LIST, Zagreb, Vol. 79, no. 1/2, Jan./Feb. 1955.

So: Monthly List of East European Accessions, (E.AL), LC, Vol. A, no. 10, Oct. 1955,

Uncl.

FUKARIEK, P.

Contribution to knowledge of forest associations in which the fieldash (Fraximus angustifolia Vahl) grows. p. 30

SUMARSKI LIST, Zagreb, Vol 80, No. 1/2, Jan./Feb., 1956

SO: East European Accessions List, Vol 5, No. 10, Oct., 1956

FUKAREK, P.

Associations of mugho pine (Pinetum mughi Horvat) and some of their developmental tendencies in the Bosnia and Hercegovina mountains; a preliminary report. p. 313. (Socijalisticko Zemjodelstvo, Vol. 80, no. 11/12, Nov./Dec. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

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CIA-RDP86-00513R000513820020-0

K

COUNTRY: YUGOSLAVIA
CATEGORY: Cultivated Plants. Industrial. Oleiferous. Sugar. M

ABS. JOUR.: RZhBiol., No. 23 1958, No. 104764

AUTHOR: Fuksrek. P.
INST.: Euphorbia Wulfenti Hoppe and Its Economic Significance for the Mediterranean Caverneo Regions.

ORIG. PUB.: Neroani sumar, 1957, 11, No. 7-9, 229-233

ARSTRACT : No abstract.

CARD: 1/1

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Country : YUGCSLAVIA

Category: Forestry. Dendrology.

Abs Jcur: RZhDiol., No 11, 1958, No 48719

Author : Fukarek, P.

Title : New Data on the Narrowleaf Ash (Fraxinus angustifolia

Vahl).

Orig Pub: Sumarski list, 1997, 81, No 1-2, 30-35

Abstract: This is a report on a new habitat of F. angustifolia

in the Pannonskaya lowland. The conditions of growth and the composition of the plantings are briefly cha-

racterized.

Card : 1/1

FUKAREK, P.

A document on the organization of Prestry and the wood industry in Bosnia and Hercegovina from the time of the National Liberation War. p. 216.

NARODNI SUMAR. (Drustvo sumarskih inzenjera i tehnicara Bosne i Hercegovine) Sarajevo, Yugoslavia. Vol. 13, no. 1/4, 1959.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1969.

Uncl.

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A dendrologic list of Bosnia and Hercegovina. p. 263.

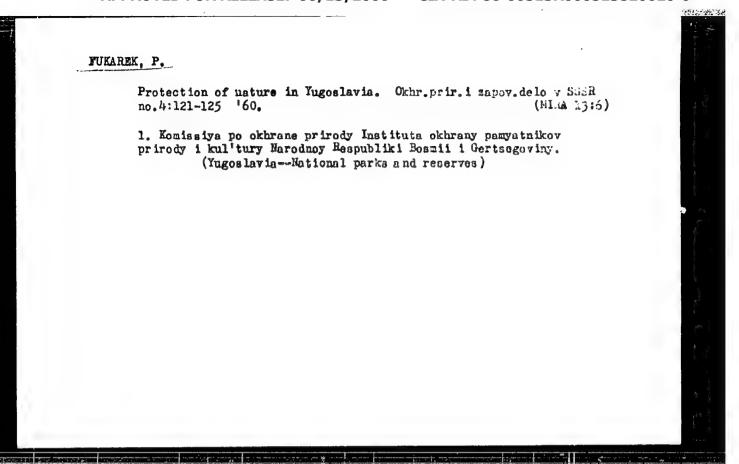
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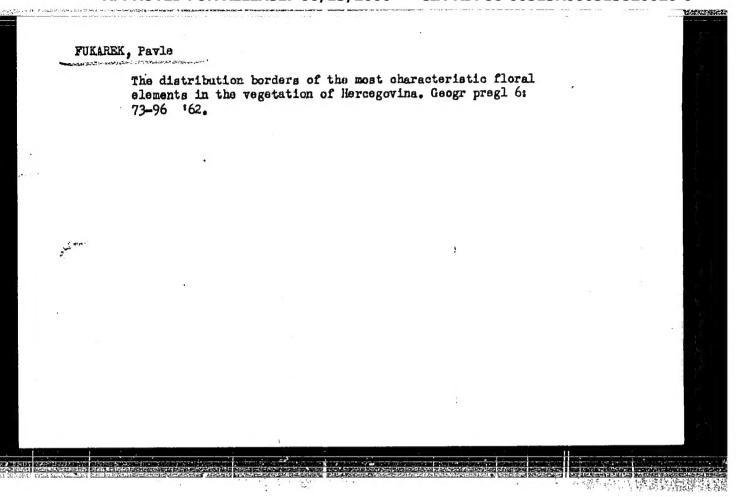
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Uncl.

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FUKARAK, P. JAF'R, J.; MESTROVIC, S.; KLEPAC, D.; LNENICEK, Z.; ZMIJANAC, D.; SEVNIK, F.; ZAGAR, B.; MIKLAVZIC, J.; KNEZ, A.; PIPAN, R.; FUNKL, L.; SVETLICIC, A.; ZUMER, L.; KEVO, R.

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MERKULOV, G.: STERN, P.: FUKAREK, V. Effect of benemid on PAS excretion; in a case of pulsonary tuberculosis with diabetes insipidus. Tuberkuloza, Beogr. 8 no.2:106-109 Mar-Apr 56. 1. Gradska poliklinika i Farmakoloski institut Medicinskog fakulteta Sarajevu. (TUBERCULOSIS, PULMONARY, compl. diabetes insipidus, eff. of probenecid on PAS urine excretion (Ser)) (DIABETES INSIPIDUS, compl. tuberc., pulm., eff. of probenecid on PAS urine excretion (Ser)) (PARA-AMINOSALICYLIC ACID, in urine excretion inhib. by probenecid in pulm. tuberc. with diabetes insipidus (Ser)) (URINE, PAS, excretion inhib. by probenecid in pulm. tuberc. with diabetes insipidus (Ser)) (PROBENECID, eff. inhib. of PAS urine excretion in pulm. tuberc. with diabetes insipidus (Ser))

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HUKOVIC, S .: FUKAREK, V .. STERN, P.
        Effect of the destruction of intestinal flora on the activity
        of ferments; trypsin lipase, diastasis and alkaline phosphatase.
        Med. arh., Sarajevo 10 no.2:11-14 Mar-Apr 56.
        1. Iz Farmakoloskog instituta Medicinskog fakulteta u Sarajevu.
             (BACTERIA
                 intestinal, eff. of antibiotic induced imbalance on
                 blood alkaline phosphatase, lipase & trypsin in rabbits (Ser))
             (ANTIBIOTICS, inj. off.
                 intestinal bact. imbalance, eff. on blood alkaline
                 phosphatase, lipase & trypsin in rabbits (Ser))
             (INTESTINES, bacteriol.
                 intestinal imbalance induced by antibiotics, eff. on
                 blood alkaline phosphatase, lipase & trypsin in rabbits (Ser))
             (BLOOD
                 alkaline phosphatase, lipase & trypsin, eff. of antibiotic
                 induced intestinal bact. imbalance in rabbits (Ser))
             (PHOSPHATASE in blood
                 alkaline, eff. of antibiotic induced intestinal bact.
                 imbalance in rabbits (Ser))
             (LIPASES, in blood,
                 eff. of antibiotic induced intestinal bact. imbalance in
                 rabbits (Ser))
             (TRYPSIN, in blood
                 same)
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